

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50304/054001
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	10/519,756
		Applicant	Neyts et al.
		Filing Date	December 30, 2004
		Group	1617
(37 C.F.R. § 1.98(b))		IDS Filed	May 15, 2009

U.S. PATENT DOCUMENTS			
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant
	11/658,625	7/26/2005	Kim et al.
	12/303,207	12/2/08	Bondy et al.
	US 2003/0073836	4/17/2003	Priepke et al.
	US-2,191,978	2/27/1940	Balle and Horst
	US-2,411,662	11/26/1946	Martin and Gysin
	US-2,516,674	7/25/1950	Havertown and Seiffer
	US-2,548,863	4/17/1951	Havertown and Seiffer
	US-20040097438	5/20/2004	Hashimoto et al.
	US-20040171626	9/2/2004	Beaulieu et al.
	US-20040186125	9/23/2004	Poupart et al.
	US-20050026921	2/3/2005	Eckhardt et al.
	US-20050096337	5/5/2005	Ackermann et al.
	US-20050222198	10/6/2005	Bondy et al.
	US-20060052602	3/9/2006	Kim et al.
	US-20060229336	10/12/2006	Kazmierski et al.
	US-20060252791	11/9/2006	Bondy et al.
	US-20070021472	1/25/2007	Zhu et al.
	US-20070032497	2/8/2007	Hashimoto et al.
	US-20070244148	10/18/2007	Bondy et al.
	US-20080188516	8/7/2008	Bondy et al.
	US-20080199427	7/6/2007	Bondy et al.

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STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

U.S. PATENT DOCUMENTS			
	US-20090036460	7/3/2008	Dowdy, Eric D.
	US-4,358,387	11/9/1982	Zoleski et al.
	US-5,011,832	4/30/1991	Dininno et al.
	US-5,019,581	5/28/1991	Khanna et al.
	US-5,446,032	8/29/1995	Whittaker et al.
	US-5,585,492	12/17/1996	Chandrakumar et al.
	US-5,587,372	12/24/1996	Aszodi et al.
	US-5,719,306	2/17/1998	Chandrakumar et al.
	US-5,723,492	3/3/1998	Chandrakumar et al.
	US-5,854,265	12/29/1998	Anthony, Neville J.
	US-5,859,035	1/12/1999	Anthony et al.
	US-5,872,136	02/16/1999	Anthony et al.
	US-5,874,452	2/23/1999	Anthony, Neville J.
	US-5,880,140	3/9/1999	Anthony, Neville J.
	US-5,883,105	3/16/1999	Anthony, Neville J.
	US-5,939,557	8/17/1999	Anthony et al.
	US-6,051,574	4/18/2000	Anthony, Neville J.
	US-6,063,930	5/16/2000	Dinsmore et al.
	US-6,080,870	6/27/2000	Anthony et al.
	US-6,376,515	4/23/2002	Zhu et al.
	US-6,627,651	9/30/2003	Shiraishi et al.
	US-6,767,654	7/27/2004	Tarnao et al.
	US-6,803,374	10/12/2004	Priestley et al.

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U.S. PATENT DOCUMENTS			
	US-6,835,739	12/28/2004	Zhu et al.
	US-6,844,367	1/18/2005	Zhu et al.
	US-7,026,051	4/11/2006	Schauer et al.
	US-7,098,231	8/29/2006	Poupart et al.
	US-7,223,785	5/29/2007	Beaulieu et al.
	US-7,285,551	7/8/2003	Hashimoto et al.
	US-7,294,457	11/13/2007	Kukolj et al.

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION				
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Translation (Yes/No)
	AU643289	12/19/1991	Australia	
	CA2093290	7/10/1993	Canada	
	CA2158996	3/14/1994	Canada	
	CA-2423800	3/25/2003	Canada	
	CA2471566	1/7/2003	Canada	
	CA2496249	8/19/2003	Canada	
	DE-4230464	3/17/1994	Germany	Yes
	EP-0228845	7/15/1987	EPO	
	EP-0417745	3/20/1991	EPO	
	EP-1386923	2/4/2004	EPOI	
	HU-78019	5/28/1999	Hungary	Yes
	IL-89588	10/20/1993	Israel	

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	SU-1048742	12/23/1986	Soviet Union	Yes
	SU-813921	12/23/1986	Soviet Union	Yes
	SU-851940	4/30/1988	Soviet Union	Yes
	SU-860463	5/27/1998	Russia	Yes
	WO-00/20400	4/13/2000	WIPO	
	WO-00/20425	4/13/2000	WIPO	Yes
	WO-00/20445	4/13/2000	WIPO	
	WO-00/73307	12/7/2000	WIPO	
	WO-01/66526	9/13/2001	WIPO	
	WO-01/95910	12/20/2001	WIPO	
	WO-02/067942	9/6/2002	WIPO	
	WO-03/000254	1/3/2003	WIPO	
	WO-03/004020	1/16/2003	WIPO	Yes
	WO-03/014229	2/20/2003	WIPO	
	WO-03/057205	7/17/2003	WIPO	Yes
	WO-04/018468	3/4/2004	WIPO	
	WO-04/033455	4/22/2004	WIPO	
	WO-04/043913	5/27/2004	WIPO	
	WO-04/054974	7/1/2004	WIPO	
	WO-04/067516	8/12/2004	WIPO	
	WO-04/072243	8/26/2004	WIPO	
	WO-05/063744	7/14/2005	WIPO	
	WO-06/029966	3/23/2006	WIPO	

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	WO-06/033703	3/30/2006	WIPO
	WO-06/069193	6/29/2006	WIPO
	WO-08/005519	1/10/2008	WIPO
	WO-09/009001	1/15/2009	WIPO
	WO-96/15111	5/23/1996	WIPO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Baba et al., "Synergistic Antiviral Effects of Antiherpes Compounds and Human Leukocyte Interferon on Varicella-Zoster Virus <i>In Vitro</i> ," <i>Antimicrobial Agents Chemother.</i> 25:515-517, 1984.
	Chou et al., "Quantitative Analysis of Dose-Effect Relationships: The Combined Effects of Multiple Drugs or Enzyme Inhibitors," <i>Adv. Enzyme Reg.</i> 22:27-55, 1984.
	Elion et al., "Antagonists of Nucleic Acid Derivatives. VIII. Synergism in Combinations of Biochemically Related Antimetabolites," <i>J. Biol. Chem.</i> 208:477-488, 1954.
	Final Rejection, December 16, 2008, US 11/019,830
	Final Rejection, March 19, 2007, US 11/316,050
	Fletcher et al., "Heterocyclic Systems," <i>Nomenclature of Organic Adv. Ser.</i> pp. 49-64, 1974.
	Gullory (in Britain ed.) "Polymorphism etc." NY:marcel Dekker Inc. 1999, 1-2, 183-226
	Grazul et al. <i>Natural Product Letters</i> (1994) 5(3): 187-195
	Greenfield et al., "Increase in the Stability and Helical Content of Estrogen Receptor Alpha in the Presence of the Estrogen Response Element: Analysis by Circular Dichroism Spectroscopy," <i>Biochemistry</i> 40:6646-6652, 2001.
	Griesser, Chapter 8, The Importance of Solvates (pages 211-230), in the text, <i>Polymorphism: in the Pharmaceutical Industry</i> , Hiltfiker, 2006
	International Preliminary Report on Patentability for PCT/US2004/043112 dated April 25, 2006.
	International Preliminary Report on Patentability for PCT/US2005/026606 dated February 20, 2007.
	International Preliminary Report on Patentability for PCT/US2005/046477 dated March 16, 2007.
	International Preliminary Report on Patentability for PCT/US2007/015553 dated January 13, 2009.
	International Search Report for PCT/BE2003/000117 dated December 16, 2003.

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	International Search Report for PCT/US2004/043112 dated June 27, 2005.
	International Search Report for PCT/US2004/043112) dated July 5, 2005
	International Search Report for PCT/US2005/026606 dated February 13, 2006.
	International Search Report for PCT/US2005/046477 dated June 2, 2006.
	International Search Report for PCT/US2007/015553 dated March 6, 2008.
	International Search Report for PCT/US2008/008259 dated October 14, 2008.
	Jacob III, P., "Resolution of (+/-) 5-Bromonornicotine. Synthesis of (R)- and (S)- Nornicotine of High Enantiomeric Purity," <i>J. Org. Chem.</i> 47:4165-4167, 1982.
	Johnson, A.W. Invitation to Organic Chemistry 1999 Jones and Bartlett: Mississauga, Canada pg. 24
	Jones, Maitland Organic Chemistry Norton: New York, 1997, Pg. 84-99
	Kariv et al., "Improvement of 'Hit-to-Lead' Optimization by Integration of In Vitro HTS Experimental Models for Early Determination of Pharmacokinetic Properties," <i>Comb. Chem. High Throughput Screen.</i> 5:459-472, 2002.
	Kuno et al (1993) "Studies on Cerebral Protective Agents, IV. Synthesis of Novel 4-Arylpiperidine and-arylpyridazine Derivatives with Anti-Anoxic Activity," <i>Chem Phar. Bull.</i> 41(1):136-162
	Lindenbach et al. (2005) "Unraveling Hepatitis C Virus Replication from Genome to Function," <i>Nature</i> 436:933-938
	Lochmüller et al., "Chromatographic Resolution of Enantiomers Selective Review," <i>J. Chromatography</i> 113:283-302, 1975.
	Montgomery et al., "1-B-D-Arabinofuranosyl, etc.," <i>J. Med. Chem.</i> , 1982,25,96-98.
	Non-Final Rejection, February 11, 2009, US 10/583,814
	Non-Final Rejection, March 12, 2008, US 11/019,830
	Non-Final Rejection, March 25, 2009, US 12/022,557
	Non-Final Rejection, October 29, 2008, US 11/825,598
	Non-Final Rejection, September 27, 2006, US 11/316,050
	Okamoto et al., "Optical Resolution of Dihydropyridine Enantiomers by High-Performance Liquid Chromatography Using PhenylCarbamates of Polysaccharides as a Chiral Stationary Phase," <i>J. Chromatography</i> 513:375-378, 1990.
	Pæshuyse et al., "A Novel, Highly Selective, etc.," <i>J of Virology</i> , Jan. 2006, 80(1), 149-160.
	Penning et al., "Synthesis of Imidazopyridines as Potent Inhibitors of Leukotriene A4 Hydrolase," <i>Bioorg. Med. Chem. Lett.</i> 13:1137-1139, 2003.

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	Puerstinger et al. "Substituted 5-benzyl-2-phenyl-5H-imidazo[4,5-c]pyridines: A new class of pestivirus inhibitors" <i>Bioorganic & Medicinal Chemistry Letters</i> 2006, 16:5345-5349
	Puerstinger et al. "Antiviral 2,5-disubstituted imidazo[4,5-c]pyridines: From anti-pestivirus to anti-hepatitis C virus activity" <i>Bioorganic & Medicinal Chemistry Letters</i> 2007, 17:391-393
	Rigaudy et al., "Fundamental Heterocyclic Systems," <i>Nomenclature of Organic Adv. Ser.</i> pp. 53-76, 1979.
	Self et al. (1991) "Romazart: A Potential Disease-Modifying Antirheumatic Drug," <i>J. Med. Chem.</i> 34:772-777
	Siddiqui et al., "3-Deaza- and, etc.," <i>J. Med. Chem.</i> , 1995, 38, 1035-1038.
	Vippagunta et al. "Crystalline Solid" <i>Advanced Drug Delivery Reviews</i> 48:3-26 (2001)
	Written Opinion for PCT/US2004/043112 dated October 18, 2005.
	Written Opinion for PCT/US2005/046477 dated June 2, 2006
	Written Opinion for PCT/US2007/015553 dated January 7, 2009
	Written Opinion for PCT/US2005/026606 dated February 13, 2006
	Zhang, "Studies on the Synthesis and Single Crystal Structure of 3-methyl-6-(p-methylphenyl) Pyridazine," 2001 <i>Journal of Sichuan Normal University (Natural Science)</i> 24(4):384-386

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